

Date: Mon, 13 Jun 94 18:01:19 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #659
To: Info-Hams

Info-Hams Digest Mon, 13 Jun 94 Volume 94 : Issue 659

Today's Topics:

 "73's"
 * SpaceNews 13-Jun-94 *
 Chevy Lumina and mobile installation
 Ford Explorer and TS-50 Noise
 HY-GAIN INSTRUCTION/OPERATORS MANUALS up for grabs
 Kenwood TS50 comments sought
 Legal Protections for Hams (2 msgs)
 Nickel Hydride Cells
 VHF Maritime Outrage!! (2 msgs)

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Mon, 13 Jun 1994 20:12:14 GMT
From: ihnp4.ucsd.edu!usc!nic-nac.CSU.net!charnel.ecst.csuchico.edu!
yeshua.marcam.com!news.kei.com!wang!dbushong@network.ucsd.edu
Subject: "73's"
To: info-hams@ucsd.edu

Cecil_A_Moore@ccm.CH.INTel.COM (Cecil A Moore) writes:

>[...] English language, e.g. I can't believe the number of 73's that
>I have seen lately on info-hams. Try composing the preceeding
>sentence without pluralizing 73. :-)

I don't believe it, but there have been many more than one 73 on the
net lately. Try's composing's the's preceeding's [sic's] sentences

without's pluralizing's seventy's threeses's.

--

Dave Bushong, Wang Laboratories, Inc.

Date: 13 Jun 94 18:20:00 GMT
From: news-mail-gateway@ucsd.edu
Subject: * SpaceNews 13-Jun-94 *
To: info-hams@ucsd.edu

SB NEWS @ AMSAT \$SPC0613
* SpaceNews 13-Jun-94 *

BID: \$SPC0613

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SpaceNews
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MONDAY JUNE 13, 1994

SpaceNews originates at KD2BD in Wall Township, New Jersey, USA. It is published every week and is made available for unlimited distribution.

* DOVE STATUS *

=====

Jim White, WD0E, reports that DOVE's voice synthesizer is undergoing tests. The satellite is now speaking the phrase "HI, this is DOVE in space" for one minute of every four minutes. "HI" has been traditionally sent from Amateur satellites since OSCAR 1, so it seemed appropriate for this re-activation of the voice synthesizer in DO-17. The team will continue to work on improvements, including possibly raising the amplitude of the voice, which is presently about half that of the telemetry.

Software was completely reloaded last week. The S-band beacon has been turned off. Transmitter power will be optimized while maintaining a positive power budget. Reception reports are welcome (to PY2BJ0). Telemetry is not needed.

Jim White
WD0E for the team: WJ9F, VK7ZBX, N5AHD, NK6K

With support from WB6LLO and KØRZ

★ LUSAT STATUS ★

=====

LUSAT-OSCAR-19 is still not available for general use, and the BBS is not expected to be operational for the next few weeks. Raw telemetry should be sent by packet radio to LU8DYF@LU8DYF.BA.ARG.SOAM or LU8DYF@ANY-ACTIVE-SATELLITE, or via the Internet to: lu8dyf@asarin.org.ar. Certificates are available for those who forward telemetry reports.

The LUSAT-1 recovery team wants to thank all stations who sent LUSAT-1 telemetry data in RAW format, including:

JN2LHU, OZ6BL, OZ7SAT, EA1BCU, EA2CLS, WH6I, W90DI, SM5BVF, ZS6BMN, JJ1WTK, LU1FYZ, LU2FCY, LU2JCI, LU1JBR, LU8ENU, LU6DYD and LU1DBC.

[Info via Eduardo Sweet, LU7AKC (LUSAT-1 recovery team)]

★ ITAMSAT (IO-26) BACK ON ★

=====

After a couple of weeks of stand-by mode, ITAMSAT under ground command was switched back ON. A new MBL code was successfully loaded to test the modified s/c configuration (secondary TX on). Telemetry shows all the vital parameters in nominal status. Further tests will be carried out in the next few days. Also due to the very limited time budget of the command stations, please expect a few weeks before normal operations.

[Info via Alberto, I2KBD, of the ITAMSAT Command Team]

★ APT STATUS ★

=====

Observed at 50.7 NLat, 7.1 ELon (Germany) on 28-May-94:

NOAA-9:	APT 137.62 MHz	On
NOAA-10:	APT 137.50 MHz	★OFF★
NOAA-11:	APT 137.62 MHz	On
NOAA-12:	APT 137.50 MHz	On
Meteor 2-21:	APT 137.85 MHz	On
Meteor 3-5:	APT 137.85 MHz	★OFF★

The VHF-conflict between NOAA-10 and NOAA-12 continues with NOAA-10's APT turned off. Meteor 3-5 APT is off too. The APT-frequency of Meteor 2-21 changed from 137.40 MHz to 137.85 MHz, but the signal is weak as always. As Meteor 3-5 is off, old NOAA-9 now is the best source for good vis-images.

[Info via Peter Henne]

* FO-20 NEWS *

=====

On 19-May-94, the FO-20 command station announced that a problem exists in FO-20's onboard computer system. The satellite's transponder will remain in the analog mode (JA) until further notice.

[Info via Kazu Sakamoto, JJ1WTK]

* DISTRIBUTION INFORMATION *

=====

Recent FCC rule changes have made both the originator of packet radio bulletins as well as the control operator of the originating BBS legally responsible for the content of packet radio bulletins. As a result, many bulletins entering the Amateur Packet Radio Network (AMPR) must be held for review by the BBS sysop before forwarding can begin. The adoption of this new procedure will lead to delays in the distribution of SpaceNews and other bulletins within the Amateur Packet Radio Network.

In addition, recent routing changes have lead to local Internet mail problems. This is expected to produce distribution delays within the packet network since the Internet is used as a SpaceNews distribution backbone.

* THANKS! *

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Thanks to all those who sent messages of appreciation to SpaceNews, especially:

KB3AMR

KB3MF

VK4ZDR

...and Flavio Cimardi at IBM Microelectronics in Italy.

* FEEDBACK/INPUT WELCOMED *

=====

Mail to SpaceNews should be directed to the editor (John, KD2BD) via any of the following paths:

FAX : 1-908-747-7107

PACKET : KD2BD @ N2KZH.NJ.USA.NA

INTERNET : kd2bd@amsat.org -or- magliaco@pilot.njin.net

MAIL : John A. Magliacane, KD2BD

Department of Engineering and Technology
Advanced Technology Center
Brookdale Community College
Lincroft, New Jersey 07738
U.S.A.

<<= SpaceNews: The first amateur newsletter read in space! -=>>

/EX

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John A. Magliacane, KD2BD * /\ * Voice : 1-908-224-2948
Advanced Technology Center |/\| Packet : KD2BD @ N2KZH.NJ.USA.NA
Brookdale Community College |/\| Internet: magliaco@pilot.njin.net
Lincroft, NJ 07738 * \/\ * Morse : -. -.. ..--- -... -..

Date: 13 Jun 1994 14:16:57 -0500
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!news.tamu.edu!not-for-
mail@network.ucsd.edu
Subject: Chevy Lumina and mobile installation
To: info-hams@ucsd.edu

I am getting a Chevrolet Lumina (1993) and intend to install my dual-band mobile rig. This car has alot of computer controlled systems and I don't want to interfere with them. Also, although I haven't really spent a whole lot of time looking, I don't seem to be able to find anyway of running the power cables through the firewall. Will I have to drill a hole and put in my own grommet?

I plan to put the antenna on the trunk. Any suggestions on the best path to run the feedline through?

I am hoping that I may be able to benefit from the experiences of other Lumina owners. Any information regarding this installation in this vehicle will be greatly appreciated. Please e-mail responses to save bandwidth on the net.

Thanks
Mark

--

Mark S. Whitsitt, N5RJF Texas A&M University, Dept of Biochemistry
Internet: mwhitsitt@tamu.edu College Station, Tx. 77843-2128
AMPRnet: n5rjff@n5rjff.ampr.org (409) 845-0832

Bill Glover ... kk6pw ... CIS 71220,2755 ... bglover@netcom.com
Weimar Software, San Jose, CA

Date: 13 Jun 1994 20:00:55 GMT
From: pa.dec.com!steves@decwrl.dec.com
Subject: Legal Protections for Hams
To: info-hams@ucsd.edu

>jhanson@yar.cs.wisc.edu (Jason Hanson) writes:
>
>> Ideas I have so far include:
>>
>> 1) Opposition to scanner/radio bans, etc.
>> 2) Adoption of PRB-1 (with possible revisions) into statutory form (I know
>> about federal preemption, but this would make cases easier for hams...)

What's PRB-1?

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-- --
Steve C. Schneider
steves@pa.dec.com
-- --

Date: 13 Jun 94 21:19:57 GMT
From: ihnp4.ucsd.edu!library.ucla.edu!csulb.edu!paris.ics.uci.edu!ucivax!
gateway@network.ucsd.edu
Subject: Legal Protections for Hams
To: info-hams@ucsd.edu

In <2tidtn\$6aj@usenet.pa.dec.com> steves@pa.dec.com (Steve Schneider) writes:

>>jhanson@yar.cs.wisc.edu (Jason Hanson) writes:
>>
>>> Ideas I have so far include:
>>>
>>> 1) Opposition to scanner/radio bans, etc.
>>> 2) Adoption of PRB-1 (with possible revisions) into statutory form (I know
>>> about federal preemption, but this would make cases easier for hams...)

>What's PRB-1?

Pick up this months CQ magazine (June) for a good explanation of PRB-1 and
its effects on antenna legality.

Overall, PRB-1 was a letter from the FCC that explained their policy

that local communities really "should" help hams by "reasonably" accomodating towers and stuff. It had no teeth, and not surprisingly, has not fared well under the Federal Courts where it has been tested.

73

Clark
WA3JPG

Date: 13 Jun 1994 21:07:17 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!kabuki.EECS.Berkeley.EDU!
kennish@network.ucsd.edu
Subject: Nickel Hydride Cells
To: info-hams@ucsd.edu

In article <1994Jun13.083636.5538@ee.surrey.ac.uk>,
Mike Willis <M.Willis@ee.surrey.ac.uk> wrote:

>I have just bought 6 Nickel Hydride AA cells for use with my Icom
>handheld. I wonder if anyone has any experience with such cells
>they are able to share? The cells are matked as 1.2V 1200mA hours.
>They weigh about the same as Nicads but claim to be "Green". I gather
>they must not be fast charged. This is not a problem as I do not have
>a fast charger. However the standard ICOM rate is 70mA and they
>need 120mA. Rather than wait longer than necessary, I suppose I
>should fast charge them, but at what rate? Would 240mA for 7 hours
>be OK? How about 360mA for 5 hours?
>I hope they will last longer than Nicads, they ought to with 1.2 AH
>Vs 0.7 AH but one never knows how the capacity relates to discharge
>characteristics. A handheld takes about 2A for TX and only 40mA on
>standby, quite a difference.
>Any help is appreciated.
>
>Mike

0) I have "edited" you original article to rearrange lines > 75 chars.

1) Sounds like you have the Gold Peak GP120AAH cells.
You can fast charge them -- in fact, they are designed to be fast
charged, but charge control is critical if you decide to fast charge them.

2) Charging them at 70 mA is OK; it will just take a long time. The cells
will take 100 hours of overcharge at 120 mA, so 70 mA is a very safe rate.

3) Anything greater than 360 mA is considered fast charge, which requires
some method of detecting fully charged cells. At 240 mA, it is probably

4) NiMH cells can withstand 3C discharge rates or 3.6 A. However, the cell temperature can rise and the heat can damage the batteries. But in an HT application, I don't think it is a problem.

Good luck.

In article Gwx@netcom.com, n1gak@netcom.com (Scott Statton) writes:

>Gary Coffman <gary@ke4zv.atl.ga.us> wrote:

[illegible]

```
>>that they regulate. The spectrum we occupy doesn't belong to the FCC,
>>nor does it belong to the Federal Government. It is public spectrum
>>that belongs to the public, not the government. The government's role
>>is merely to regulate it's use as a resource held in common. In the
>>case of the amateur service, the active regulation is minimal.
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 \succ

Well...maybe the CB service is cheaper to regulate...or *not* regulate, but one could argue the FCC spends less time on it than on the amateur service....when was the last time you saw an NPRM for the CB service?

: -)

Peter

Peter Simpson, KA1AXY
3Com Corporation
Northborough, MA 01532

Peter_Simpson@3com.com
(508) 836-1719 voice
(508) 393-6934 fax

I speak only for myself, 3Com doesn't pay me to speak for them, so I don't.

Date: 13 Jun 1994 21:11:44 GMT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!gatech!nntp.msstate.edu!olivea!
korie!male.EBay.Sun.COM!engnews1.Eng.Sun.COM!engnews2.Eng.Sun.COM!
usenet@network.ucsd.edu
Subject: VHF Maritime Outrage!!
To: info-hams@ucsd.edu

In article <2tct8t\$4jp@cat.cis.Brown.EDU> md@pstc3.pstc.brown.edu (Michael P.
Deignan) writes:

>n1gak@netcom.com (Scott Statton) writes:

>

>> If kicking in a pittance every year (and, face it, genetlpersons, \$7

>> per annum is NOT a huge sum of money ..

>

>The liberal weenies will cry that this is unfair to the economically-

>challenged,

Hey, keep your ideology straight. Us liberal weenies are "tax and spend"
guys, remember? We'll be in favor of it because it means more money in the
hands of the benevolent government and less money in the hands of dangerous
gun and radio nuts, who would probably just spend it on remote control assault
weapons.

Rich

--

Rich McAllister (rfm@eng.sun.com)

Date: Sun, 12 Jun 1994 16:08:38 GMT

>Jim's statement above should bring to an end the '440 in SoCal'
>thread. Those are incredibly huge chunks of spectrum that need to be
>put to use. When you consider the amount of unused spectrum we have
>it really makes the 440 debate moot.

Not exactly. The microwave bands may be useful for point-point
linking, etc., but aren't commonly used, even by the business or
government agencies, for mobile communications as we know it.

>Can't readily *buy* a radio to play with up on those UHF freqs? Put your
>amateur skills to use and *build* something for up there. [Roger: I'll
>send you my soldering iron if you don't already have one.]

Procuring parts and building working gear for microwave bands is
considerably more difficult than building 80m transmitters out
of junk televisions. I agree amateurs should indeed get involved
on these bands, but these bands are not necessarily valid replacement
spectrum for the functions filled by 2m, 70cm, 33cm and 23cm.

--

* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are
*
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer
*
* This Extra supports the abolition of the 13 and 20 WPM tests *

Date: 13 Jun 1994 15:07:43 -0600
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!spool.mu.edu!mnemosyne.cs.du.edu!
nyx10.cs.du.edu!not-for-mail@network.ucsd.edu
To: info-hams@ucsd.edu

References <2td3t2\$6gd@ccnet.ccnet.com>, <Cr9Kyq.EwG@news.Hawaii.Edu>,
<2ti78m\$q4l@abyss.west.sun.com>il
Subject : Re: Microwave bands (was Re: End of '440 in SoCal' thread)

In article <2ti78m\$q4l@abyss.west.sun.com>,
Dana Myers <myers@bigboy.West.Sun.COM> wrote:
>Not exactly. The microwave bands may be useful for point-point
>linking, etc., but aren't commonly used, even by the business or
>government agencies, for mobile communications as we know it.

Why not? I know some work in that area has been done by the North Texas
Microwave Society...

>Procuring parts and building working gear for microwave bands is

>considerably more difficult than building 80m transmitters out
>of junk televisions.

Building 80m transmitters was, once upon a time, difficult and expensive, too.
Hams changed that.

> I agree amateurs should indeed get involved
>on these bands, but these bands are not necessarily valid replacement
>spectrum for the functions filled by 2m, 70cm, 33cm and 23cm.

Why not? Those who claim that the purpose of ham radio is solely or primarily
technological advancement have a golden opportunity to prove that hams can
still contribute.

--

Jay Maynard, EMT-P, K5ZC, PP-ASEL | Never ascribe to malice that which can
jmaynard@admin5.hsc.uth.tmc.edu | adequately be explained by stupidity.
To Sarah Brady, Howard Metzenbaum, Dianne Feinstein, and Charles Schumer:
Thanks. Without you, I would be neither a gun owner nor an NRA life member.

End of Info-Hams Digest V94 #659
